

SOV/126-7-6-4/24

AUTHORS: Mil'ner, A.S., Kovtun, Ye. F. and Popov, I. N.

TITLE: Magnetic Anomalies of Magnetite

PERIODICAL: Fizika metallov i metallovedeniye, 1959, Nr 6,  
pp 832-836 (USSR)

ABSTRACT: Early work on magnetic properties of magnetite (Ref 1) showed that at 120°K there is a sudden decrease in magnetization, later found to coincide with sudden changes in other physical properties (Refs 2,3,4). The magnitude of the magnetization change depends on cooling conditions (Ref 7). Magnetic anisotropy changes with falling temperature (Ref 6). The object of the present work was to study the magnetic properties of magnetite at 75-100°K and the influence of change of sign of magnetic-anisotropy constants above the transition temperature on magnetic properties at lower temperatures. A natural rhombohedral magnetite single crystal and a magnetometer of the type described by Domenicali (Refs 7,8) were used. The whole swinging part of the magnetometer was kept in a vacuum ( $10^{-1}$  mm Hg) to avoid convection currents. The Card 1/3 specimen whose axis coincided with the coil axis was

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cooled from room temperature to 75°K in an external field of about 400 oersted: Fig 2 shows curves of magnetization against temperature for various cooling conditions. Similar results but with less change in magnetization were obtained with the [111] axis along the coil axis. The authors give a graphical representation (Fig 3) of changes in magnetization with field commutation, which also applies to brief switching off of the field. In the previous work A. S. Mil'ner et al. (Ref 9) had dealt with the effect of temperature of application of the magnetic field on the value of the magnetization change, but with specimens with unknown crystallographic direction. In the present work the field was directed along the [100] or [111] directions, giving more regular results. Fig 4 shows plots of magnetization against temperature for [100] directed field applied at 290, 95, 90 and 85°K. The transition of the magnetite through the null value of the anisotropy constant had no effect on these phenomena (in contrast to what occurred when the field was commutated at 75°K for specimens cooled in a field). The authors explain the effect of the temperature of application of the field on

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the value of the magnetization jump below 100°K in terms of the nonuniformity of the stoichiometric composition of the specimen over its whole volume. Ye. S. Borovik participated in the discussion of results. There are 4 figures and 10 references, 4 of which are Soviet, 3 French and 3 English.

ASSOCIATION: Khar'kovskiy gosudarstvennyy universitet imeni A. M. Gor'kogo (Khar'kov State University imeni A.M.Gor'kiy)

SUBMITTED: April 1, 1958

Card 3/3

POPOV, I. P. Cand. Biolog. Sci.

Dissertation: "Effect of Washing Agents on the Hygienic Properties of  
Linen Fabrics." Inst Of General and Communal Hygiene, Acad Med Sci  
USSR, 12 Nov 47.

SO: Vechernyaya Moskva, Nov, 1947 (Project #17836)

POLOW, I. F.

Washing and cleaning of articles made of wool and of silk. Moskva, Izd-vo Ministerstva kommunal'nogo khoziaistva RSFSR, 1951. 79 p. (55-19025)

TT985.P50

POPOV, I.P., kandidat biologicheskikh nauk; SPASSKIY, N., redaktor;  
NOVOCHADOV, A.G., redaktor; GUROVA, O.A., tekhnicheskii  
redaktor.

[Technology of handling linen in mechanized laundries] Tekhnologiya  
obrabotki bel'ia v mekhanicheskikh **prachechnykh**. Moskva, Izd-vo  
Ministerstva kommunal'nogo khoziaistva RSFSR, 1951. 157 p.  
(Laundry) (MLRA 8:11)

POPOV, I.P., kandidat biologicheskikh nauk; RUBINSHTEYN, R.L., inzhener;  
SHATROVA, Ye.S., redaktor; GUROVA, O., tekhnicheskiiy redaktor.

[Dyeing and redyeing] Okraska i perekraska odezhdy. Moskva, Izd-vo  
Ministerstva kommunal'nogo khoziaistva RSFSR, 1952. 84 p.  
(Dyes and dyeing) (MLRA 8:1)

POPOV, I.P., kandidat biologicheskikh nauk; PERLINA, A.M., kandidat  
tekhnicheskikh nauk; KASHAYEV, S.I.

Water softening in Moscow laundries. Gor.khoz.Mosk. 28 no.8:22-23  
Ag '54. (MLRA 7:9)

1. Starshiy tekhnolog Moskovskogo gorodskogo tresta prachechnykh  
(for Kashayev)  
(Water--Softening) (Moscow--Laundries, Public) (Laundries,  
Public --Moscow)

POPOV, Ivan Petrovich; RUBINSHTEYN, Ruvim L'vovich; SHATROVA, Ye.S.,  
redaktor; KONYASHINA, A., tekhnicheskii redaktor

[Dyeing clothes at home] Okraska odezhdy v domashnikh usloviakh.  
Moskva, Izd-vo Ministerstva lommunal'nogo khoziaistva RSFSR, 1955.  
43 p. (MIRA 9:2)  
(Dyes and dyeing) (Textile fabrics)

~~POPOV~~, Ivan Petrovich, kandidat biologicheskikh nauk; SOKOL'SKIY, I.F.,  
redaktor; KONYASHINA, A.D., tekhnicheskij redaktor

[A knowledge of materials] Materialovedenie. Moskva, Izd-vo  
Ministerstva kommunal'nogo khoziaistva ESFSR, 1955. 159 p.  
(Cleaning compounds) (MLRA 9:10)  
(Textile fabrics)

POPOV, I.P.; AFANAS'YEVA, V.L.; SUKHOVA, G.V.; ZUYEVA, K.P.

New method of bleaching laundry. Gor.khoz.Mosk.29 no.1:40 J '55.  
(Bleaching powder) (MIRA 8:3)

POPOV, I.P.; LYUBINSKAYA, A.G., redaktor; LAUT, V.G., tekhnicheskii redaktor

[How to preserve clothes and footgear] Kak sokhranit' odezhdn i  
obuv'. Moskva, Vses. kooperativnoe izd-vo, 1956. 54 p. (MIRA 10:1)  
(Clothing and dress) (Boots and shoes)

DEMEZER, A.A.; DZYUBA, M.L.; BLINOV, L.F. kandidat sel'skokhozyaystvennykh nauk; BOLDYREV, N.I., kandidat pedagogicheskikh nauk; GAY-GULINA, Z.S., GRUDEV, D.I., kandidat sel'skokhozyaystvennykh nauk; DJEROV, Ya.G., professor; KOVALENKO, V.D., ;KRYSSINA, O.I.; KURKO, V.I.; LEVI M.F., kandidat sel'skokhozyaystvennykh nauk; MORDKOVICH, M.S.; POPOV, I.P., kandidat biologicheskikh nauk; SAGALOVICH, Ye.N., agronom; SILIN, V.N., sootekhnik; STRUTANSKIY, I.L., vrach; SUSHKOVA-LYAKHOVICH, M.L., kandidat meditsinskikh nauk; SHAPOVALOV, Ya.Ya., kandidat sel'skokhozyaystvennykh nau; SHENDERETSKIY, E.I., kandidat sel'skokhozyaystvennykh nauk; YAVNEL', A.Yu., kandidat meditsinskikh nauk; RODINA, P.I., redaktor; YUROVITSKIY, Ye.I., redaktor; PEVZNER, V.I., tekhnicheskii redaktor.

[Home economics] Domovodstvo. Moskva, Gos.izd-vo sel'khoz.lit-ry.  
1956. 479 p. (MLRA 10:5)  
(Home economics)

POPOV, I.P.; AFANAS'YEVA, V.L.

Efficient cleansing agents for washing clothes in mechanical  
laundries. Gor.khoz.Mosk. 30 no.5:36-37 My '56. (MLRA 9:8)

1. Akademiya kommunal'nogo khozyaystva imeni K.D. Pamfilova.  
(Cleaning compounds)

*111* **I.**  
YEFIMOVA, A.A., kand.med.nauk; MAKAROV, N.N.; VASIL'YEV, A.V., vrach; YARINA,  
L.H., vrach; POLIKARPOVA, M.G., vrach-kosmetolog; POPOV, I.P., kand.  
biol.nauk; SUBBOTINA, G.I., vrach

Advice from "Zdorov'e". Zdorov'e 3 no.12:28-29 D '57. (MIRA 11:1)  
(HYGIENE)

~~POPOV, I.P.~~, kand. biol. nauk; AFANAS'YEV, V.L., mladshiy nauchnyy sotrudnik;  
SUKHOVA, G.V., mladshiy nauchnyy sotrudnik

Washing synthetic fabrics in automatic laundries. Gor. khoz. Mosk.  
32 no.9:19-20 S '58. (MIRA 11:9)

1. Akademiya kommunal'nogo khozyaystva imeni K.D. Pamfilova (for  
Afanas'yev, Sukhova).  
(Synthetic fabrics) (Laundry)

POPOV, I.P.; SUKHOVA, G.V.; AFANAS'YEVA, V.L.

Technology of the laundering of work clothes. Sbor. nauch. rab.  
AKKH no.7:92-97 '61. (MIRA 18:5)

POPOV, I.P.

Effect of a block and stimulation of n-cholinergic tissue structures on the development of pituitrin-induced coronary insufficiency. Pat. fiziol. i eksp. terap. 9 no.2:61-63 Mr.-Ap '65. (MIRA 18:5)

1. Kafedra patofiziologii (zav. - prof. N.N.Trankvilitati) Donetskogo meditsinskogo instituta.

PISHCHIK, A.F.; SUKHOVA, G.V.; PISHCHIK, A.A.; POPOV, I.P.,  
kand. biol. nauk, red.

[Mechanical and semi-mechanical processing of laundry;  
textbook for laundry industry workers] Mekhanicheskaiia  
i polumechanicheskaiia obrabotka bel'ia; posobie dlia  
masterov prachechnogo proizvodstva. Moskva, Stroiizdat,  
1964. 80 p. (MIRA 18:5)

POPOV, Ivan Petrovich; SMIRNOVA, R.N., red.izd-va; KHENOKH, F.M.,  
tekhn. red.

[Home laundry] Domashniaia stirka bel'ia. Izd.2. Moskva,  
Izd-vo MKKh RSFSR, 1963. 90 p. (MIRA 16:8)  
(Laundry)

POPOV, I.P., kand.biolog.nauk; AFANAS'YEVA, V.L.; SUKHOVA, G.V.

The use of carboxymethylcellulose. Gor.khoz.Mosk. 36 no.12:  
32-33 D '62. (MIRA 16:2)

1. Akademiya kommunal'nogo khozyaystva imeni K.D.Pamfilova.  
(Carboxymethylcellulose)

POPOV, I.P.; DRZHEVETSKAYA, I.A.

Changes in the electrocardiogram in insulin hypoglycemia under conditions of a block of vegetative ganglia induced by gangliolytics. Pat. fiziol. i eksp. terap. no.2:69-73 '64. (MIRA 17:9)

1. Kafedra patofiziologii (zav. - prof. N.N. Trankvilitati) Donetskogo meditsinskogo instituta.

KUMESKIY, V.R.; POPOV, I.P. (g.Usman', Lipetskoy oblasti)

Motion pictures in physics classes. Fiz.v shkole 20 no.1:61-62  
Ja-F '60. (MIRA 14:10)

1. Nezhinskiy pedagogicheskiy institut (for Muskiy).  
(Motion pictures in education) (Physics--Study and teaching)

POPOV, Ivan Petrovich, kand. biolog. nauk; MINAYEV-TSIKANOVSKIY,  
Viktor Aleksandrovich, inzh.; BOLOTINA, A.V., red. izd-va;  
KHENOKH, F.M., tekhn. red.

[Operation, maintenance and repair of the equipment of mechanical  
laundries] Ekspluatatsiia i remont oborudovaniia mekhanicheskikh  
prachechnykh. Pod obshchei red. V.A.Minaeva-TSikanovskogo.  
Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 170 p.

(MIRA 15:4)

(Laundries--Equipment and supplies)

MIKHAYLOV, V.V.; POPOV, I.P.; SHENDEROV, B.L.

Treatment of chronic alcoholism in the psychoneurological infirmary.  
Vop. psikh, i nevr. no.5:5-10 '59. (MIRA 14:5)

1. Iz Leningradskoy psikhonevrologicheskoy bol'nitsy No.4 (glavnyy  
vrach T.K.Arixbayeva, nauchnyy rukovoditel' - dotsent M.M.Mirskaya).  
(ALCOHOLISM)

POPOV, I.P.

Effect of endogenous hyperthermia on the permeability of biological barriers to S35 penicillin, S35 strepocid album, and radiophosphorus. Antibiotiki 5 no.3:51-55 My-Je '60.

(MIRA 14:6)

1. Kafedra patofiziologii (zav. - prof. N.N.Zayko) Odesskogo meditsinskogo instituta imeni N.I.Pirogova.

(SULFANILAMIDE)

(PENICILLIN)

(PHOSPHORUS—ISOTOPES)

(BLOOD VESSELS—PERMEABILITY)

(FEVER)

*Card*  
POPOV, I. P.: Master Med Sci (diss) -- "On the permeability of biological barriers in liver(Experimental investigation)". Odessa, 1958. 15 pp (Odessa Med Inst im N. I. Pirogov), 200 copies (KL, No 6, 1959, 146)

SHEPELEV, N.A.; BADA YEV, B.; POPOV, I.P.; GLAVATSKIY, V.M.; SERDYUKOV, V.P.

Useful advice. Fiz. v shkole 19 no.2:70-71 Mr-Apr '59.

(MIRA 12:4)

1. 2-ya shkola, g. Iman, Primorskogo kraya (for Shepelev).
2. 5-ya srednaya shkola, Yanshkala, Ashkhabadskoy obl. (for Badayev).
3. 1-ya srednyaya shkola, g. Usman', Lipetskoy obl. (for Popov).
4. Srednyaya shkola pos. Aleksseyevka, Kinel'skogo rayona Kuybyshevskoy obl. (for Glavatskiy).
5. 2-ya srednyaya shkola, g. Sukhoy Log, Sverdlovskoy obl. (for Serdyukov).

(Physics)

POPOV, I.P., starshiy elektromekhanik

Comments on the KSS-30 switchboard. Avtom. telem. i svyaz' 2  
no.12:35 D '58.

(MIRA 11:12)

1. Leningradskaya distantsiya signalizatsii svyazi Yuzhney deregi.  
(Telephone switchboards)

*Popov I. P.*  
EXCERPTA MEDICA Sec 5 Vol 12/2 Gen. Path. Feb 59

596. THE PERMEABILITY OF BIOLOGICAL BARRIERS IN INFECTIOUS  
FEVER (Russian text) - *Popov I. P.* - ARKH. PATOL. 1958, 20/6 (53-57)  
Seventy-two experiments were performed on 56 rabbits and 16 cats. In 37 cases

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fever was produced by subcutaneous injection of 0.8 to 1.0 ml./kg. of anthrax vaccine; the other cases served as controls. Penicillin S<sup>35</sup> (first series), white sulphachrysoidine S<sup>35</sup> (second series) and Na<sub>2</sub>H<sup>32</sup>P<sub>4</sub>O<sub>4</sub> (fourth series) served as indicators for the barrier effect. The animals were killed 30 min. to 3 hr. after the start of the experiment and examined for the presence of the isotopes in the blood serum, CSF, aqueous humour of the eye, and pericardiac fluid; at times biological tests were performed to determine the presence of the experimental preparation. The permeability of the biological barriers examined was increased by fever to 1.4 to 2 times for penicillin S<sup>35</sup>, 1.8 to 1.9 times for white sulphachrysoidine S<sup>35</sup> and 1.2 to 1.5 times for the radioactive phosphorus. White sulphachrysoidine S<sup>35</sup> passes the barrier in greater quantities than penicillin S<sup>35</sup> and radiophosphorus. The vessels of the pericardium and epicardium have no barrier function because they let through all indicators used.

Brandt - Berlin (V, 50)

SOV/47-59-2-19/31

22(1)

AUTHOR: Popov, I.P.

TITLE: Useful Advice (Poleznyye sovety) To Protect Plywood from Warping (Predokhraneniye fanery ot korobleniya)

PERIODICAL: Fizika v shkole, 1959, Nr 2, p 71 (USSR)

ABSTRACT: Small articles of plywood may be protected from warping by covering them 3 or 4 times with drying oil or a solution of joiner's glue.

ASSOCIATION: 1-ya srednyaya shkola, Usman', Lipetskoy oblasti (First Secondary School, Usman', Lipetsk Oblast)

Card 1/1

KAZARYAN, P. Ye.; POPOV, I. P., inzhener, redaktor; LYUBINSKAYA, A., redaktor;  
NATAPOV, M., tekhnicheskij redaktor

[Chemistry in everyday life] Khimiia v bytu. Izd. 2-e, perer. i  
dop. Moskva, Vses. kooperativnoe izd-vo, 1956. 163 p. (MIRA 9:3)  
(Chemistry)

POPOV, I.P. (Rostov-na-Donu).

Ideology in the teaching of physics. *Fiz.v shkole* 7 no.2:13-19 '47.  
(MIRA 6:11)  
(Physics--Study and teaching)

POPOV, I.P. (g.Rostov-na-Donu)

Problems on the topic "Heat engines". *Fis. v shkole* 15 no.6:79  
N-D '55. (Heat engines) (MIRA 9:2)

22(1)

SOV/47-59-3-28/53

AUTHOR: Popov I.P.

TITLE: The Form Cutting of Glass

PERIODICAL: Fizika v shkole, 1959, Nr 3, p 75 (USSR)

ABSTRACT: The author describes a special method of glass form cutting. Finely ground charcoal powder (or better-norit powder) is mixed with a warm thick paste, or with glue from cherry and plum trees. Thin charcoal strips 3 to 5 cm long, which must be well dried, are made from the doughlike mass. The glass has to be cut with a sharp file. The end of a charcoal strip is kindled and, when smouldering, is moved along the crack formed by the file in the direction in which the glass must be cut. This operation results in a deepening of the crack.

ASSOCIATION: 1-ya srednyaya shkola, Usman', Lipetskaya oblast'  
(1st Secondary School, Usman', Lipetsk Oblast )

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ACC NR: AP7000916

(N)

SOURCE CODE: UR/0396/66/010/006/0038/0042

AUTHOR: Popov, I. P.

ORG: Department of Pathological Physiology, /Head--Prof. N. N. Trankvilitati /  
Donets Medical Institute (Kafedra patologicheskoy fiziologii Donetskogo meditsinskogo  
instituta)

TITLE: Correlation between trace elements and the activity of respiratory enzymes  
during acute hypoxic hypoxia

SOURCE: Patologicheskaya fiziologiya i eksperimental'naya terapiya, v. 10, no. 6,  
1966, 38-42

TOPIC TAGS: hypoxia, respiratory system, enzyme, animal experiment, rabbit, rat

ABSTRACT: A parallel study was conducted of the activity of respiratory enzymes  
(cytochrome oxidase, succinodehydrogenase, catalase, ceruloplasmin, etc.) and the  
amount of trace elements (iron, copper, zinc, and cobalt) in the organs and tissues  
of animals during acute hypoxic hypoxia. Rabbits and rats were kept in a pressure  
chamber at 260 and 190 mm Hg (corresponding to 8000 and 9800 m) for two hours. The  
amount of trace elements in various organs was determined colorimetrically. At  
8000 m elevation, the activity of cytochrome oxidase, succinodehydrogenase, and  
catalase, and the concentration of trace elements increased in most of the tissues  
studied (including blood, brain, heart, liver, kidneys, and muscles). During deep

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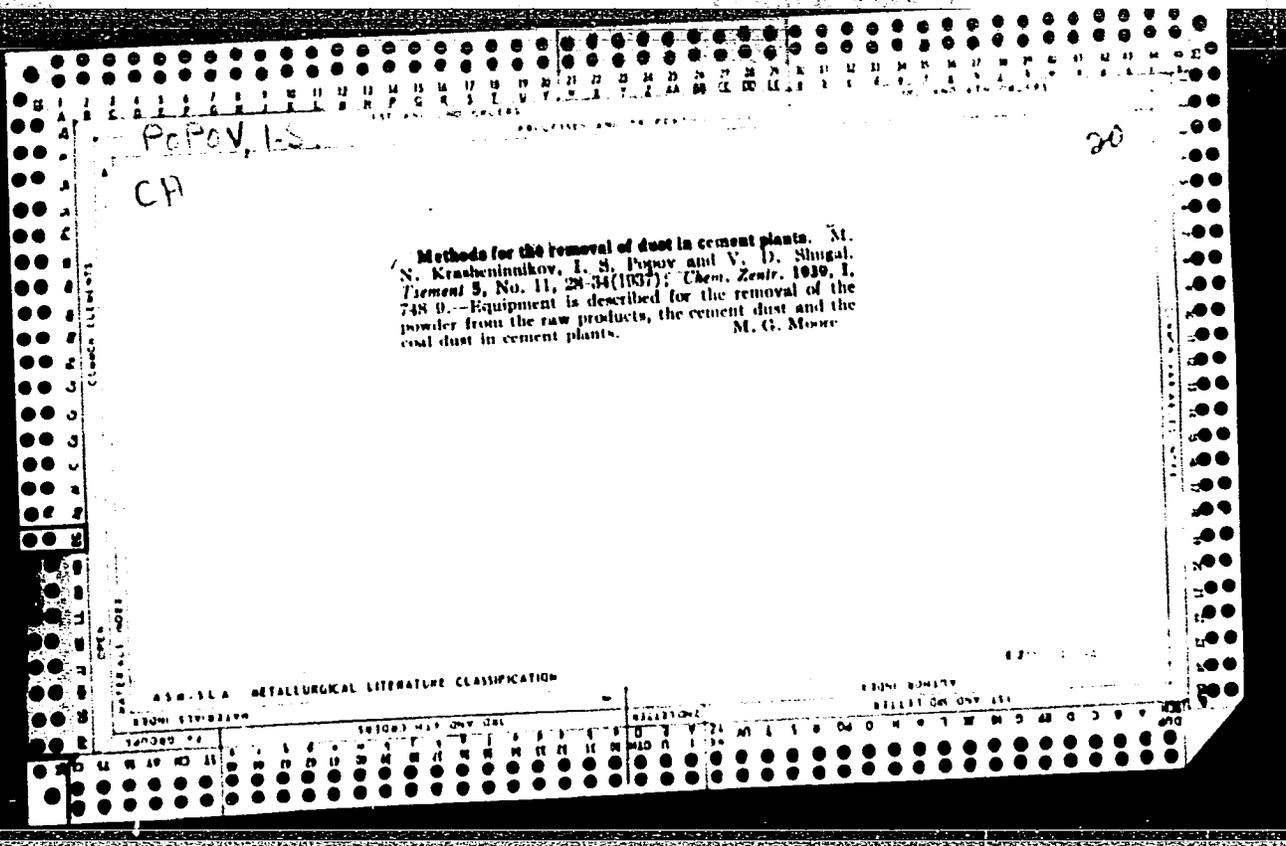
UDC: 616-008.922:1-036.11-07: [616-008.92+616-008.931:577.158.2

ACC NR: AP7000916

hypoxia (9800 m), as the condition of experimental animals deteriorated, changes in the content of trace elements and enzyme activity in tissues were not correlated as before. For example, at 9800 m the activity of cytochrome oxidase decreased, especially in the liver, kidneys, and brain. At the same time, the amount of copper in the blood increased somewhat. The mechanism of changes in enzyme activity during hypoxia is not known. Orig. art. has: 2 tables. [JS]

SUB CODE: 06/ SUBM DATE: 15Nov65/ ORIG REF: 015/ OTH REF: 004/  
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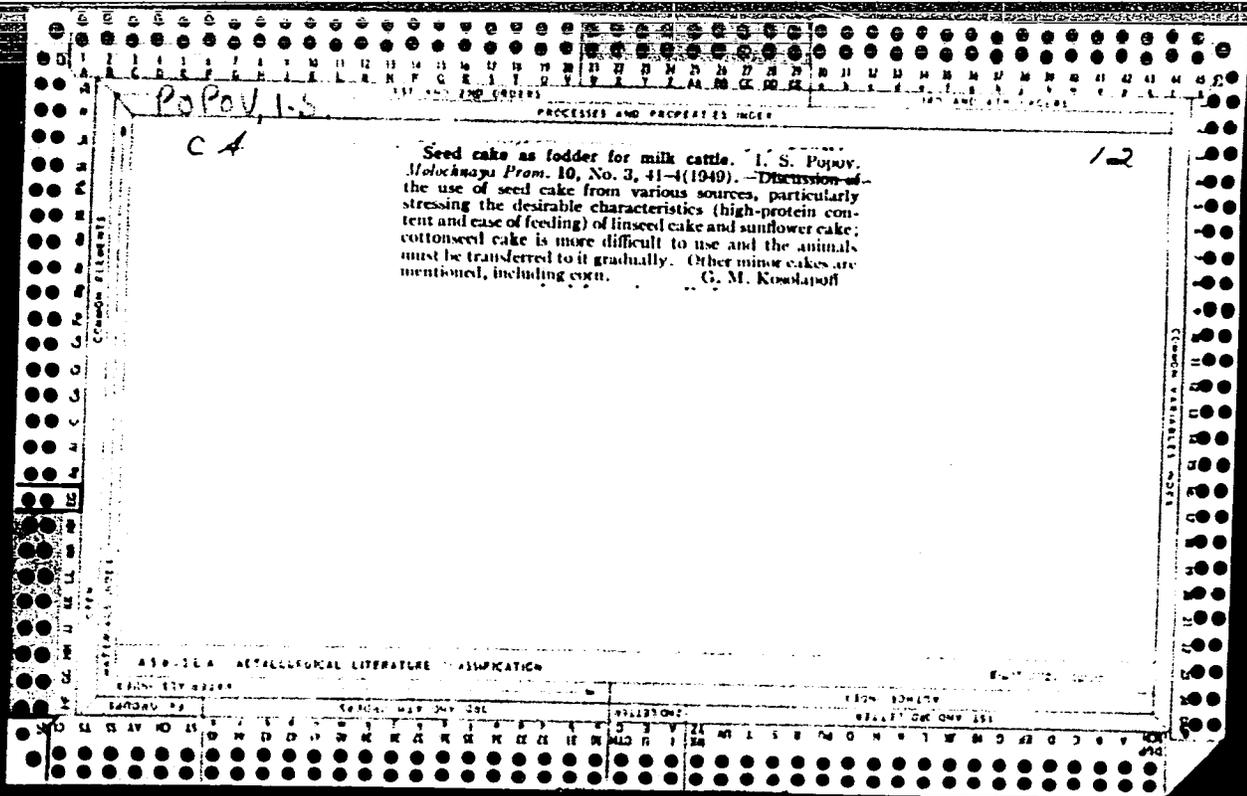
Card 2/2



ICOV, I. S.

ICOV, I. S. "The fodder requirements of milking cows giving various yields with different compositions of milk," Doklady (Mosh. s.-kh. akad. im. Timiryazeva), Issue 9, 1949, p. 120-122

SI: U-5246, 17, Dec. 53, (Letopis 'Zhurnal Statcy, No. 25, 1949).



FOROV, Ivan Senenovich, 18 p-

Forage norms and tables. 12. izd., vnov' perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954. 216 p.

1. Feeding and feeding stuffs - Tables, calculations, etc.

POPOV, I. S.

BENEDIKTOV, I.A., redaktor; GRITSENKO, A.V., redaktor; IL'IN, M.A., zamestitel' glavnogo redaktora, LAPTEV, I.D., LISKUN, Ye.F.; LOBANOV, P.P., glavnyy redaktor; LYSENKO, T.D.; SKRYABIN, K.I.; STOLETOV, V.E.; PAVLOV, G.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SOKOLOV, N.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHESTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHCHEGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMELOV, S.P., professor, doktor biologicheskikh nauk, nauchnyy redaktor; EDEL'SHTEYN, V.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHCHERBACHEV, D.M., professor, doktor meditsinskikh nauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, nauchnyy redaktor; YEKIMOV, V.P., agronom, nauchnyy redaktor [deceased], EYTINGEN, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; TIMOFEEV, N.N., professor, nauchnyy redaktor; TUROV, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITT, V.O., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ, V.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor.

(Continued on next card)

BENEDIKTOV, I.A.--- (continued) Card 2.

GRUBEN', L.K., akademik, nauchnyy redaktor; NIKOLAYEV, A.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; RED'KIN, A.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SMETNEV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POPOV, I.S., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; MANTYFEL', P.A., professor nauchnyy redaktor; INIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor; ANFIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POLTEV, V.I., professor, doktor veterinarnykh nauk, nauchnyy redaktor; LINDE, V.V., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; CHERGAS, B.I., professor, doktor biologicheskikh nauk, nauchnyy redaktor; NIKOL'SKIY, G.V., professor, nauchnyy redaktor; AVTOKRATOV, D.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor; IVANOV, S.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; VIKTOROV, K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor; KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy redaktor; ANTIFIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy redaktor; MARKOV, A.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; DOMRACHEV, G.V., professor, doktor veterinarnykh nauk, nauchnyy redaktor; OLIVKOV, B.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor [deceased]; FLEGMATOV, N.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; BOLTINSKIY, V.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL'YAMS, Vl.P., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; KRASNOV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor;

(Continued on next card)

BENEDIKTOV, I.A.----(continued) Card 3.

YEVREBINOV, M.G., akademik, nauchnyy redaktor; SAZONOV, N.A., doktor tekhnicheskikh nauk, nauchnyy redaktor; NIKANDROV, B.I., inzhener, nauchnyy redaktor; KOSTYAKOV, A.N., akademik, nauchnyy redaktor; CHERKASOV, A.A., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; DAVITAYA, F.F., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; IVANOV, N.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; ORLOV, P.M., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; LOZA, G.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor; CHERNOV, A.V., kontrol'nyy redaktor; ZAVARSKIY, A.I., redaktor; ROS-SOSHANSKAYA, V.A., redaktor; FILATOVA, N.I., redaktor; YEMEL'YANOVA, N.I., redaktor; SILIN, V.S., redaktor BRANZBURG, A.Yu., redaktor; MAGNITSKIY, A.V., redaktor terminov; KUDRYAVTSEVA, A.G., redaktor terminov; AKSENOVA, A.P., mladshiy redaktor; MALYAVSKAYA, O.A., mladshiy redaktor; FEDOTOVA, A.F., tekhnicheskij redaktor

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 4.

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsiklopediia.  
Izd.3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol.5. [T-IA.]  
1956. 663 p. (MIRA 9:9)  
(Agriculture--Dictionaries and encyclopedias)

POPOV, Ivan Stepanovich; SOKOL'SKIY, Ye.

[Financial work of rural soviets] Finansovaya rabota v sel'skom  
sovete. Moskva, Gosfinizdat, 1957. 103 p.

(MIRA 13:6)

(Soviets)

RYADCHIKOV, V.G., aspirant; POPOV, I.S., akademik, nauchnyy rukovoditel'

Lysine and swine feeding. Izv. TSKHA no.5:143-165 '63.  
(MIRA 17:7)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni  
Lenina (for Popov).

POPOV, I. S.

[Feeding norms and feeding tables] Kormovye normy i kormovye  
tablitsy. Izd. 14, perer. Moskva, Gos.izd-vo sel'khoz. lit-ry,  
1957. 221 p. (MIRA 10:12)  
(Feeding and feeding stuffs)

СЕРОВ, Иван Семенович; УСТИНКО, Л., редактор; ГРИГОР'ЕВ, Ye., редактор;  
ПВЛОВА, H., tekhnicheskiy redaktor

[The feeding of farm animals] Kornlenie sel'skokhoziaistvennykh  
zhivotnykh. Izd. 9-oe, perer. Moskva, Gos.izd-vo sel'khoz. lit-  
ry, 1957. 471 p. (MLWA 10:10)  
(Feeding and feeding stuffs)

1010V, I.S.

POPOV, I.S., professor.

Adding urea to the rations of ruminants. Izv. TSEN no. 2: 156-163 '57.  
(MIRA 10:9)

(Urea) (Feeding and feeding stuffs)

POPOV, I.S., doktor sel'skokhozyaystvennykh nauk, prof.

Antibiotics and estrogenic preparations as stimulators of growth  
and fattening. Izv. TSKhA no.6:161-172 '57. (MIRA 71:3)  
(Antibiotics) (Estrogens) (Growth promoting substances)

POPOV, I.S., akademik; DAVYDOVA, L.S., kand. nauk.

Requirement for minerals in dry pregnant cows. Dokl. VSKhA no.27:  
208-212 '57. (MIRA 11:4)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.  
Lenina (for Popov).  
(Cows--Feeding and feeding stuffs) (Minerals in food)

USSR / Farm Animals. General Problems.

Q-1

Abs Jour : Ref Zhur - Biol., No 10, 1958

Author : Popov, I. S.

Inst : Not given

Title : On the Use of Urea in the Rations of Ruminants.

Orig Pub : Izv. Timiryazevsk. s.-kh. akad., 1957, No. 2, 156-163

Abstract : Experiments in feeding rations of urea to ruminants showed that 540 kg. of dried beet pulp plus 21 kg. of urea are equal in their effect on the milk yield to 504 kg plus bran plus corn. The conditions required for the utilization of ammoniated nitrogen by the microorganisms of the rumen were set up. Urea can be of great assistance in the feeding of dairy and beef cattle. To achieve this, it will be necessary to produce feed combinations, containing carbamide, industrially.

Card 1/1

COUNTRY : USSR  
CATEGORY : Farm Animals.  
ABS. JOUR. : RZhBiol., No. 6, 1959, No. 25763  
AUTHOR : Popov, I. S.  
INST. : Timiryazev Academy of Agriculture.  
TITLE : Antibiotics and Estrogen Preparations as Stimulators of Growth and Fattening.  
ORIG. PUB. : Izv. Timiryazevsk. S.-kh. akad., 1957, No 6, 161-172  
ABSTRACT : A sketch of contemporary knowledge and achievements pertaining to the use of antibiotics and estrogens in animal husbandry is presented. On the basis of experimental data, their widely applied utilization for various farm animal species is described and their significance for stimulating growth, development, fattening, and health of the animals is critically evaluated. The conditions which promote the favorable influence of antibiotics are determined. The most important conditions are: the animals'

Card: 1/3

COUNTRY : USSR  
CATEGORY :

ABS. JOUR. : RZhBiol., No. 1959, No.

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : state of health, the conditions of their keeping, and the quality of feeds. The positive influence of antibiotics upon growing animals and animals which are being fattened, is commonly acknowledged, but the essence of this influence is not made clear. Their effect is understandable from the therapeutic point of view. Hypotheses are reported on, which attempt to explain the positive effect of antibiotics. Antibiotics are useless if they are fed to

CARD: 2/3

USSR/Farm Animals. Small Horned Cattle

Q-3

Abs Jour : Ref Zhur - Biol., No 11, 1958, No 50022

Author : Popov, I.S., Dovydova L.S.  
Inst : Moscow Academy of Agriculture imeni K.A. Timiryazov  
Title : Mineral Substance Requirements by Pregnant Cows During Their  
Interlactation Period.

Orig Pub : Dokl. v.-kh. akad. im. K.A. Timiryazova, 1957, vyp. 27,  
208-212

Abstract : During the interlactation period (2 months) the first group of pregnant cows received 90 gr of digestible protein, 11.4 gr of Ca, and 6.2 gr of P per each food unit. The second group of cows received the same amounts of nutrients, however, the rations were started during lactation, 2-3 months before calving. The third group of cows received 90 gr of protein, 7.8 gr of Ca, and 5.9 gr of P per each food unit. Cow and calf weight indicators, as well as milk, colostrum, and blood compositions were taken into account. The dosages of minerals used in rations fed to the third group of cows assured safe

Cerd : 1/2

POPOV, I.S., akademik

Achievements and tasks of animal science in the feeding of farm animals. Izv. TSKhA no.4:121-128 '58. (MIRA 11:10)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk ineni V.I. Lenina.

(Feeding and feeding stuffs)

MATSKEVICH, V.V., LOBANOV, P.P., CHEKMENEV, Ye.M., SKRYABIN, K.I., LOZA, G.M.,  
POPOL, I.S., PEROV, S.S., SINYAGIN, I.I., YAKUSHKIN, I.V.,  
NIKOLAYEV, A.I., ROSTOVTSEV, H.F., YUDIN, V.M., POPOV, B.F.,  
RED'KIN, A.P., SMETNEV, S.I.

B.F.Liskun. Dokl. Akad. sel'khoz. 23 no. 5:48 '58. (MIRA 11:8)  
(Liskun, Efim Fedotovich, 1873-1958)

POPOV, I.S. (Moskva)

Ways to improve the technology and organization of garment  
cutting. Shvein. prom. no.4:15-18 JI-Ag '59. (MIRA 13:2)  
(Garment cutting)

POPOV, I.S., akademik; MARNOV, D.I., aspirant

Copper and cobalt requirement of cows on farms near Moscow. Izv.  
TSKha no.5:123-138 '59 (MIRA 13:3)

1. Vsesoyuznaya akademika sel'skokhozyaystvennykh nauk imeni V.I. Lenina (for Popov).  
(Moscow Province--Cows--Feeding and feeds)  
(Cobalt) (Copper)

POPOV, I.S.

Problems in the production of combined feeds. Zhivotnovodstvo  
21 no.3:28-36 M<sup>r</sup> '59. (MIRA 12:4)

1. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyay-  
stvennykh nauk imeni V.I. Lenina.  
(Feeding and feeding stuffs)

POPOV, I.S., akad; SHCHEGLOV, V.V., aspirant

Efficient utilization of protein feeds in livestock raising  
[with summary in English]. Izv. TShA no.4:127-142 '60.  
(MIRA 13:9)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im.  
Lenina (for Popov).  
(Swine--Feeding and feeds) (Proteins)

POPOV, I.S., akademik

Problems pertaining to the utilization of protein feeds in animal husbandry [with summary in English]. Izv. TSKhA no.5:146-159 '60.

(MIRA 13:11)

1. Vsesoyuznaya Akademiya sel'skokhozyaystvennykh nauk imeni Lenina.  
(Feeds) (Proteins)

~~POPOV, I.S.~~ prof. (Khar'kov)

"Candidomycosis" by P.N.Kashkin. Reviewed by I.S. Popov. Vrach.  
delo no.9:134-135 S '60. (MIRA 13:9)  
(MONILIASIS) (KASHKIN, P.N.)

POPOV, I.S., akademik

Effective utilization of protein-rich feeds in livestock raising; report No.4. Izv. TSKhA no.2:129-143 '61.(MIRA 14:8)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni Lenina.

(Amino acids) (Feeds)

POPOV, I.S., akademik

Amino acid composition of feeds. Zhivotnovodstvo 23 no.7:3-15  
Jl '61. (MIRA 16:2)

(Feeds—Composition)  
(Amino acids)

POPOV, I.S.

RYADCHIKOV, V.G.

Determining amino acids in feeds. Izv.TSKHA no.4:218-227 '62.

(MIRA 15:12)

1. Kafedra kormleniya sel'skokhozyaystvennykh zhiivotnykh  
Moskovskoy ordena Lenina sel'skokhozyaystvennoy akademii  
imeni K.A. Timiryazeva (rukovoditel' - akademik Vsesoyuznoy  
akademii sel'skokhozyaystvennykh nauk imeni Lenina -  
I.S. Popov).

(Feeds—Analysis) (Amino acids)

POPOV, I.S., prof.; ZADOROZHNYI, B.A., dotsent; MISHCHENKO, L.I.

Stroke method for the isolation of unicellular cultures of yeast and yeastlike fungi free from bacteria. Vest.derm.i ven. no.8:39-41 '62. (MIRA 15:9)

1. Iz kafedry dermatologii (zav. - prof.I.S. Popov) Khar'kovskogo meditsinskogo instituta (dir. - dotsent B.A. Zadorozhnyy).

(YEASTS) (FUNGI)

POGROV, L.S.

BUGROVA, V.I., kand. med. nauk; VINOGRADOVA, I.N., kand. biol. nauk;  
D'YAKOV, S.I., kand. med. nauk; ZHDANOV, V.M., prof.;  
ZHUKOV-VEREZHIKOV, N.N., prof.; ZEMTSOVA, O.M., kand.  
med. nauk; IMSHENETSKIY, A.A., prof.; KALINA, G.P., prof.;  
KAULEN, D.R., kand. med. nauk; KOVALEVA, A.I., doktor med.  
nauk; KRASIL'NIKOV, N.A., prof.; KUDLAY, D.G., doktor biol.  
nauk; LEBEDEVA, M.N., prof.; PERETS, L.G., prof. [deceased];  
PEKHOV, A.P., doktor biol. nauk; PLANEL'YES, Kh.Kh., prof.;  
POGLAZOVA, M.N., kand. biol. nauk; PROZOROV, A.A.; SINITSKIY,  
A.A., prof.; FEDOROV, M.V., prof. [deceased]; SHANINA-VAGINA,  
V.I., kand. biol. nauk; VYGODCHIKOV, G.V., prof., zamestitel'  
otv. red.; ADO, A.D., prof., red.; BAROYAN, O.A., prof., red.;  
BILIBIN, A.F., prof., red.; BOLDYREV, T.Ye., prof., red.;  
VASHKOV, V.I., doktor med. nauk, red.; VYAZOV, O.Ye., doktor  
med. nauk, red.; GAUZE, G.F., prof., red.; GOSTEV, V.S., prof.,  
red.; GORIZONTOV, P.D., prof., red.; GRINBAUM, F.T., prof.,  
red. [deceased]; GROMASHEVSKIY, L.V., prof., red.; YELKIN, I.I.,  
prof., red.; ZASUKHIN, L.N., doktor biol. nauk, red.;  
ZDRODOVSKIY, P.F., prof., red.; KAPICHNIKOV, M.M., kand. med.  
nauk, red.; KLEMPARSKAYA, N.N., prof., red.; KOSYAKOV, P.N.,  
prof., red.; LOZOVSKAYA, Ye.S., kand. med. nauk, red.;  
MAYSKIY, I.N., prof., red.; MUROMTSEV, S.N., prof., red.  
[deceased];

(Continued on next card)

BUGROVA, V.I.---(continued) Card 2.

NIKITIN, M.Ya., red.; NIKOLAYEVA, T.A., red.; PAVLOVSKIY, Ye.N.,  
akademik, red.; PASTUKHOV, A.P., kand. med. nauk, red.;  
PETRISHCHEVA, P.A., prof., red.; POKHOVSKAYA, M.P., prof.,  
red.; POPOV, I.S., kand. med. nauk, red.; ROGOZIN, I.I., prof.  
red.; RUDNEV, G.P., prof., red.; SERGIYEV, P.G., prof., red.;  
SKRYABIN, K.I., akad., red.; SOKOLOV, M.I., prof. red.;  
SOLOV'YEV, V.D., prof., red.; TRIBULEV, G.P., dotsent, red.;  
CHUMAKOV, M.P., prof., red.; SHATROV, I.Y., prof., red.;  
TIMAKOV, V.D., prof., red.toma; TROITSKIY, V.L., prof., red.  
toma; PETROVA, N.K., tekhn.red.;

[Multivolume manual on the microbiology, clinical aspects,  
and epidemiology of infectious diseases] Mnogotomnoe rukovod-  
stvo po mikrobiologii klinike i epidemiologii infektsionnykh  
boleznei. Otv. red. N.N.Zhukov-Verezhnikov. Moskva, Medgiz.  
Vol.1. [General microbiology] Obshchaya mikrobiologiya. Otv.  
red. N.N.Zhukov-Verezhnikov. 1962. 730 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for  
Zhdanov, Zhukov-Verezhnikov, Vygodchikov, Bilibin, Vashkov,  
Gromashevskiy, Zdrodovskiy, Rudnev, Sergiyev, Chumakov,  
Timakov, Troitskiy).

(Continued on next card)

BUGROVA, V.I.—(continued) Card 3.

2. Chlen-korrespondent Akademii nauk SSSR (for Imshenetskiy, Krasil'nikov). 3. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Planel'yes, Baroyan, Boldyrev, Gorizontov, Petrishcheva, Rogozin). 4. Deystvitel'nyy chlen Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Muromtsev).

(MICROBIOLOGY)

POPOV, I.S., akademik; SKOROBAGATYKH, N.N., kand. sel'skokhoz. nauk;  
TKHAKAKHOV, Kh.Kh., kand. sel'skokhoz. nauk; DAVYDOVA, L.P.,  
kand. sel'skokhoz. nauk; FESYUN, G.I., aspirant

Protein requirements of high-yielding cows. Izv. TSKHA no.6:  
191-202 '63. (MIRA 17:8)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni  
Lenina (for Popov).

POPOV, Ivan Stepanovich; BOGDANOVICH, S.N., red.

[Atlas of skin and venereal diseases] Atlas kozhnykh i  
venericheskikh boleznei. Kiev, Zdorov'ia, 1964. 427 p.  
(MIRA 17:12)

POPOV, I.S., prof.; MISHCHENKO, L.I., starshiy laborant.

Method of isolating fungus cultures free of bacteria. Vest.  
derm. i ven. 36 no.10:44-46 0'62 (MIRA 16:11)

1. Iz kafedry dermatologii (zav. - prof. I.S.Popov)  
Khar'kovskogo meditsinskogo instituta.

\*

POPOV, I.S.

Spontaneous recovery from scalp microsporia caused by  
Microsporum lanosum. Vest. dermat. i ven. 37 no.2:48-51 F'63.  
(MIRA 16:10)

1. Iz kafedry dermatologii (zav. - prof. I.S.Popov) Kar'kovsko-  
go meditsinskogo instituta.

\*

KAYRIS, A.S., aspirant; POPOV, I.S., akademik, nauchnyy rukovoditel'

Protein rates for fattening swine. Izv. TSKHA no.2:131-  
140 '63. (MIRA 16:10)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni  
Lenina (for Popov).

POPOV, I.S., inzhener; ANTRUSHIN, B.D., inzhener, redaktor; UDOD, V.Ya.,  
redaktor; DAKHOV, V.S., tekhnicheskii redaktor.

[Operating the electrical equipment of tower cranes] Ekspluata-  
tsiia elektreoborudovaniia bashennykh kranov. Moskva, Gos.izd-  
vo po stroit. i arkhitekture, 1956. 135 p. (MIRA 9:6)  
(Cranes, derricks, etc.)

POPOV, I.S.

POPOV, I.S.; UDOD, V.Ya., red. izd-va; STEPANOVA, E.S., tekhn.red.

[Operation of the electric equipment of tower cranes] Eksploataatsiia  
elektrooborudovaniia bashennykh kranov. Izd. 2-os. Moskva, Gos.  
izd-vo lit-ry po stroit. i arkhit., 1957. 132 p. (MIRA 11:2)  
(Cranes, derricks, etc.)

SHNEIDERMAN, N.I., inzhener.

"Operating the electrical equipment of tower cranes" by I.S. Popov.  
Reviewed by N.I. Shneiderman, Stroi. i dor. mashinostr. 2 no.4:39  
Ap '57. (MLRA 10:6)

(Cranes, derricks, etc.)  
(Popov, I.S.)

ZADOROZHNYI, B.A., dots., otv. red.; VEYNEROV, I.B., prof., ~~med.~~ otv. red.; BRAILOVSKIY, A.Ya., kand. med. nauk, red.; BAZYKA, A.P., red., st. nauchnyy sotr.; BOGDANOVICH, S.N., dots., red.; GRZHEBIN, Z.N., prof., red.; ~~POPOV, I.S.~~ prof., red.; POTOTSKIY, I.I., prof., red.; SHTEYN, A.A., prof., red.; GITSHEYN, A.D., tekhn. red.

[Transactions of the Second Congress of Dermatovenereologists of the Ukrainian S.S.R.] Trudy S"ezda dermato-venerologov Ukrainskoi SSR. 2d, Kharkov, 1959. Kiev, Gos. med. izd-vo USSR, 1960. 475 p. (MIRA 15:4)

1. S"ezd dermato-venerologov Ukrainskoy SSR. 2d, Kharkov, 1959. (SKIN--DISEASES) (VENERAL DISEASES)

POPOV, I. S.

Problems of mycology. Pod redaktsiei prof. A. M. Krichevskogo i prof. A. N. Fedorovskogo. Khar'kov, Izd. Vseukrainsk. gos. dermatovener. in-ta. 1934. 132 p. (Trudy Vseukrainskogo gosudarstvennogo instituta venerologii i dermatologii. t. v)

PROCESSES AND COPIES INDEX

1ST AND 2ND COPIES      3RD AND 4TH COPIES

A M

POPOFF (I. S.), HEFT (B. B.), ANTIMONOVA (Mme Z. S.), & LITVINENKO (D. I.). **Fall von Chromoblastomykose.** [A case of chromoblastomycosis.]—*Vyestn. venerol. dermatol.*, xii, pp. 1170-1173, 1937. [Russian. Abs. in *Zbl. Haut- u. Geschlkr.*, lix, 7-8, p. 445, 1938.]

The fungus isolated from a case of chromoblastomycosis of the leg in a 35-year-old woman in the U.S.S.R. corresponded in the main with *Acrotheca* [*Hormodendrum*] *pedrosoi* [see preceding abstract], from which it differed chiefly in the production of conidia laterally as well as terminally.

METALLURGICAL LITERATURE CLASSIFICATION

1939-40-41

POPOV, I.S.; KIRILLOVA, N.I.; SHUR, S.G.; SCHUCHMAN, V.M.

Role of yeast-like fungi in eczema. Vest. vener. No.3:29-30 May-  
June 50. (GIML 19:4)

1. Of the Skin-Venereological Clinic (Director -- Prof. I.S.Popov),  
Second Khar'kov Medical Insitute (Director- Docent P.L.Shchupik).

POPOV, I.S.

POPOV, I.S.; VARTAPETOVA, Ye.M.; KALMYKOVA, M.V.

Tinea imbricata ("Tokelau"). Vest. vener. no3:51-53 May-Jun (1955:11)

1. Prof. Popov; Assistant Vartapetova; Senior Laboratory Worker  
Kalmykova.

Peprav, I.S.

ZHDANOV, V.M., redaktor; BEKLEMISHEV, V.N., redaktor; BILIBIN, A.F., redaktor; VYGODCHIKOV, G.V., redaktor; DOBROKHOTOVA, A.I., redaktor; ZHUKOV-VEREZHIKOV, N.N., redaktor; ZDRODOVSKIY, A.I., redaktor; KASHKIN, P.N., redaktor; KRICHEVSKIY, A.M., redaktor; PAVLOVSKIY, A.M., redaktor; POD'YAPOL'SKAYA, V.P., redaktor; POPOV, I.S., redaktor; RUDNIN, G.P., redaktor; SKRYABIN, K.I., redaktor; TIMAKOV, V.D., redaktor; BUMIN, K.V., redaktor; ZAKSTEL'SKAYA, L.I., redaktor; SACHEVA, A.I., tekhnicheskii redaktor

[Contagious diseases in man; academic reference book] Zaraznye bolezni cheloveka; akademicheskii spravochnik. Moskva, Gos. izd-vo meditsinskoi lit-ry, 1955. 681 p. (MLRA 9:3)

1. Akademiya meditsinskikh nauk SSSR, Moscow. (CONTAGION AND CONTAGIOUS DISEASES)

POPOV, I.S.

F-6

USSR Microbiology. Medical and Veterinary  
Microbiology.

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35774

Author : Popov, I.S.; Raevskaia, R.G.; Gorokhova, E.L.

Title : Towards an Experimental Study of Blastomycosis

Orig Pub: V sb.; Eksperim. i klinich. issledovaniia II, L,  
1956, Medgiz, 216-217

Abstract: Experiments were conducted on rabbits and mice into which a suspension of yeastlike fungi was injected subcutaneously and intradermally. In a single injection the fungus survived in the organism as a saprophyte, but necrosis appeared only at the place of injection, healing without a scar. The fungus was extracted from the place of injection and from punctations of the internal

Card 1/3

USSR /Microbiology. Medical and Veterinary  
Microbiology.

F-6

Abs Jour: Referat. Zh.-Biol., No. 9, 1957, 35774

organs in a series of cases. Repeated infections increased the sensitivity of the animal, at the place of injection an inflammatory reaction developed, and in the internal organs in a series of cases conglomerative tumors and tubercular oozings developed; the fungus *C.albicans* was extracted from all the foci of infection. With the sensibilization of the animals with horse serum there appeared on the place of infection tumors from which the fungus was isolated. It was also extracted from the internal organs, in which no pathological changes were noted. The action on the nervous system by various irritants (the repeated injections of turpentine and oil under the skin, immersion in cold water, accom-

Card 2/3

POPOV, I.S., akademik [deceased]

Chemicalization of animal husbandry. Izv. VUZHA no. 2:30-AB 1971.  
(NGIA 17:12)

1. Kafedra kormleniya sel'skokhozyaystvennykh zhivotnykh Moskovskoy  
ordena Lenina sel'skokhozyaystvennoy akademii imeni K.A. Timiryazeva.

POPOV, I.S., prof.; MISHCHENKO, I.I.; BONDAR', Z.S.; TSISINA, G.V.;  
NOSATENKO, V.Ye.

Candidiasis consecutive to the use of antibiotics. Vest. dermat. i ven.  
38 no.6:37-40 Ja '64. (MIRA 18:6)

1. Kafedra dermatologii (zav. -- prof. I.S.Popov) i kafedra fakul'tatskoy i gospital'noy terapii (zav. -- prof. M.P.Kozlovskaya) Khark'ovskogo meditsinskogo instituta.

POPOV, I.S., akademik

Using amino acids in feeding farm animals. Zhivotnovodstvo  
23 no.3:13-25 Mr '61. (MIRA 17:1)

POPOV, I.S.; TURITSYNA, Ye.M.; BONDAR', Z.S.

Lyell's syndrome. Vest. dermat. i ven. 38 no.1:26-29 Ja '64.  
(MIRA 17:8)

1. Kafedra dermatologii (zav. - prof. I.S. Popov) Khar'kovskogo  
meditsinskogo instituta.

MOGILA, F.G., fel'dsher (g. Roven'ki); POPOV, I.V., dezinspektor fel'dsher  
(g. Kyshtym); SHUMSKIY, K.D., fel'dsher (Kiyev)

How we control rodents. Fel'd. i akush. 24 no.11:51-54 N '59.  
(MIRA 13:2)

(RODENT CONTROL)

POPOV, IU.

"Operation of three-phase transformer with unsymmetrical coil windings."

p. 11 (Elektroenergiia, Vol. 8, no. 10, Oct. 1957, Sofia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6  
June 1958.

Popov, IVAN

BULG.

✓ Enzyme-chemical research on stimulated seeds. Metodil Popov and Ivan Popov (Metodil Popov inst. of biol., Bulgare acad. sci. ~~ser. 3337~~ *Compt. rend. acad. bulgare sci.* 6, No. 2, 65-8 (1953) (Pub. 1954) (in Russian).—Catalase and peroxidase activity of seeds and plants were studied after stimulation with taka-diastase, KBr,  $KMnO_4$ , and hydroquinone. Barley seeds stimulated with 2% taka-diastase showed 45-108% increases in amylase activity (autolytic method) and 39.2% increase in catalase activity ( $KMnO_4$  titration), with increased growth of roots and stems. Ma-khorka and Eastern varieties of tobacco showed 4% and 5.5% increases in dry residue, and 67% and 67% increases in catalase activity with 2% KBr. Cotton plants gave 9-22% increases in catalase activity with 3% KBr and with 1.5% buffered KBr. Rice plants stimulated with 3% KBr gave 7.6% and 9.4% increases in amylase activity but decreased catalase activity. Wheat stimulated with hydroquinone gave a 42% increase in amylase activity and a 10% increase in catalase activity. Ca glycerophosphate (2%) and a mixt. of  $MgSO_4$ ,  $MnSO_4$ , and KBr gave 5-70% increases in amylase activity. These increases were accompanied by increased plant yields. A. W. Daly

Georgiyev, Iv.

Bulgaria/Chemical Technology. Chemical Products and Their Application -- Fermentation industry, I-27

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 6527

Author: Georgiyev, Iv.; Popov, Iv.; Tonchev, T. A.; Manchev, Stamat Khr.

Institution: None

Title: Use of Enzymatic Preparation from Botrytis cinerea to Accelerate Maturation of Wine

Original

Publication: Nauch. tr. Vissh. in-t khranit. i vkus. prom-st Plovdiv, 1955, 2, 91-102

Abstract: On treatment of two specimens of table wine and one of dessert wine with the enzymatic preparation from Botrytis cinerea (1 g per 1 liter), there was observed, after 170 days, a considerable improvement in the quality of the wine, in comparison with the controls.

Card 1/1

popov, Iv.

EXCERPTA MEDICA Sec.9 Vol.12/4 Surgery April 1958

2405. THE DIAGNOSIS AND TREATMENT OF TUBERCULOUS EPIDIDYMITIS -  
(Bulgarian text) - Popov Iv. and Popivanov S. - SAVR. MED. 1956,  
7/12 (46-51) Tables I

A detailed report is given of important, sometimes contradictory data of the literature on the frequency of the disease, its unilateral or bilateral localization, involvement of the testis etc. This is followed by a discussion of the differential

2/05

diagnosis between tuberculous epididymitis of acute onset and an ordinary inflammation of the epididymis. In 12-14% of patients operated on for epididymitis by mentioned authors (548 cases), the diagnosis of acute tuberculous epididymitis was not confirmed by the pathologist. The opinion of many authors that the best treatment of tuberculous epididymitis is removal of the affected epididymis, is regarded with reserve. At a certain stage of the disease, conservative treatment with modern tuberculostatics provides very good results. To prove this, 30 students with tuberculous epididymitis were treated by this method at the students' Polyclinic, Sofia. Besides all the usual examinations ('directed' past history, clinical and laboratory examinations, X-ray), tuberculin tests were employed in all the cases; this test is particularly recommended. To distinguish tuberculous from non-specific epididymitis, the spermatic cord was blocked with 30 to 40 ml. of a 0.25% procaine solution with the addition of 100,000 U. penicillin: in non-specific inflammation, block usually gives a quick result - the temperature is lowered, swellings and pain are reduced and after 10-15 days, the inflammatory process is usually abated but, in acute tuberculous epididymitis, block does not lead to the above-mentioned results, the process becomes chronic and finally the hard, nodular infiltrate which is characteristic of tuberculous epididymitis, develops. In 3 chronic cases, in which epididymitis was the first manifestation of the tuberculous disease, puncture biopsy was used and confirmed the diagnosis in 2 cases. During treatment of the 30 patients, 5 developed fistulas (in 4 cases of acute epididymitis in the 4th month of the disease and in 1 chronic case after a year). The fistulas of the first-mentioned 4 cases were closed by appropriate conservative treatment, the 5th case was operated on. The patients were followed-up for 2 yr.: in 21 (70%), the inflammatory process was completely regressed, the other 9 are regressing. Three patients have been operated on (refractory fistulization or repeated exacerbation of the process). In 2 patients the other epididymis was affected for a certain period postoperatively. Sarafoff - Sofia (IX 15)

POPOV, IVAN

About the fulfillment of the Quality and Assortment Plan by Woodworking Enterprises. In the Bulgarian Heavy Industry, 2:8:Feb 55

POPOV, I. T.; PONOMAREV, P. V.; SHTERN, R. D. (Moskva)

Kidney disorders in myeloma. Klin. med. no.8:50-56 '61.  
(MIRA 15:4)

1. Iz terapevticheskogo otdeleniya (nach. B. V. Konyayev) i pato-  
logoanatomicheskogo otdeleniya (nach. - kandidat meditsinskikh  
nauk R. D. Shtern) Glavnogo voyennogo gosпитalya imeni N. N.  
Burdenko (nach. L. I. Lyalin)

(MARROW-TUMORS) (KIDNEYS-DISEASES)